

JOB OPPORTUNITY BULLETIN



CLASSIFICATION: Biostatistician IV

BULLETIN RELEASE DATE: July 10, 2000

FINAL FILING DATE: Until Filled

POSITION NUMBER: 811-145-5543-001

MONTHLY SALARY: \$4,542 - \$5,520 per month

DUTIES/RESPONSIBILITIES: Under the general direction of the Chief, Cancer Toxicology and Epidemiology Unit, Reproductive and Cancer Hazard Assessment Section, the Biostatistician IV serves as the subject matter expert for biostatistical analysis. Performs statistical analysis of experimental animal and human epidemiological data for dose-response assessment and of exposure data for development of risk-specific exposure levels for carcinogens. Prepares documentation of dose response analyses, including the rationale for model selection and the underlying assumptions associated with the development of the guidance values and their most appropriate use in regulatory activities. Evaluates new and existing models for cancer risk assessment, and develops new models which address issues of extrapolation across species, routes, and dose levels. Assesses these methodologies for their ability to improve the estimation of risk from exposure to chemicals which cause cancer. Provides counsel to Office of the Attorney General on exposure- and dose-response related issues for Proposition 65 chemicals. Presents statistical issues relevant to dose response analyses to the state's qualified experts (e.g., Cancer Identification Committee) and other expert groups. Responds to the concerns of the committee and the public on the analyses and documentation.

DESIRABLE EXPERIENCE/QUALIFICATIONS: Knowledge of and experience in: modern probability and statistical theory and its applications; current statistical research literature; principles, problems and terminology of public health; demography and epidemiology. Ability to become thoroughly familiar with any specialized area of statistics by independent study; maintain professional relationships with statistical groups in other research organization; devise feasible, constructive courses of action for the solution of statistical problems; prepare and present research reports; explain and interpret complex statistical concepts and procedures. Demonstrated success in working cooperatively with internal staff and outside agencies. Excellent oral and written communication skills. Analyze situations accurately and take effective action.

WHO SHOULD APPLY: State employees currently employed in the above classification, persons with current list, transfer or reinstatement eligibility, and state employees currently identified as surplus or on the SROA list.

SUBMIT APPLICATIONS: Office of Environmental Health Hazard Assessment
Reproductive and Cancer Hazard Assessment Section
1515 Clay Street, 16th Floor
Oakland, CA 94612

CONTACT PERSON: Susan Royo

ATSS 8-561-3189

TELEPHONE NUMBER (510) 622-3189

ALL APPLICATIONS WILL BE SCREENED AND ONLY THE MOST QUALIFIED CANDIDATES WILL BE INTERVIEWED.

The Office of Environmental Health Hazard Assessment is an Equal Employment Opportunity Employer –equal opportunity to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age or sexual orientation.